

**IN THE SPECIFICATION:**

On the first page, after the title, please insert the following paragraph:

CROSS REFERENCE TO RELATED APPLICATION

This application is a continuation of International Application No. PCT/JP01/08240, filed September 21, 2001.

Please substitute the following paragraph for the paragraph bridging pages 14 and 15:

According to an aspect of the present invention, there is provided a control system for carrying out control such that a detection value as to a condition of a controlled system converges to a steady-state reference value, the control system comprising: a computation section for receiving the steady-state reference value and the detection value, and for outputting a first manipulated variable that varies such that the detection value converges to the steady-state reference value; a plurality of multiplication sections for receiving the first manipulated variable, and for outputting second manipulated variables by multiplying the first manipulated variable by preset ratio coefficients; and a ratio coefficient preset

section for calculating ratio coefficients for the multiplication sections individually, and for setting the ratio coefficients to the multiplication sections, the ratio coefficients being calculated from the detection values of regions of the controlled system installed in correspondence to the plurality of multiplication sections, to reduce errors of the detection values of the regions of the controlled system with respect to the steady-state reference value, wherein the control system carries out control of the controlled system in response to the second manipulated variables.

Please delete the paragraph bridging pages 15 and 16.

Please replace the following paragraph for the first full paragraph on page 16:

Thus, Besides, the control system according to the present invention, offers an advantage of enabling a setting operator to carry out the optimum setting under a use environment by only conducting the measurement under the use environment.

Please replace the following paragraph for the second full paragraph on page 16:

The In the control system according to the present invention, may further comprise: computation sections, a number of which is equal to a number of the multiplication sections; and a first selector for switching input sources

~~to the multiplication sections among the plurality of computation sections~~ the number of the computation sections and the number of the multiplication sections may be N, and the control system may further comprise a first selector for switching input sources to the multiplication sections among the N computation sections.

Please replace the following paragraph for the third full paragraph on page 16:

Thus, the control system offers an advantage of being able to operate the individual zones in response to the first manipulated variable of the single computation section or to the first manipulated variables of the ~~plurality of N~~ computation sections. Utilizing the combination of these control schemes makes it possible to control the entire system to have a uniform temperature, or to control part of the system to have an independent temperature without adding any new control circuit.

Please delete the first full paragraph on page 19.

Please delete the second full paragraph on page 19.

Please delete the paragraph bridging pages 19 and 20.

Please delete the second full paragraph on page 21.

Please delete the paragraph bridging pages 21 and 22.